

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 H04L12/413 H04L12/28

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, COMPENDEX

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	KUO W-K ET AL: "Enhanced backoff scheme in CSMA/CA for IEEE 802.11" PROCEEDINGS OF THE SPIE, SPIE, BELLINGHAM, VA, US, vol. 5100, 2003, pages 92-103, XP002300098 ISSN: 0277-786X Chapters 1, 2 ----- -/-	1-14

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

## \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
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Date of the actual completion of the international search  25 January 2005	Date of mailing of the international search report  01/02/2005
Name and mailing address of the ISA  European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer  Kreppel, J

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	CHUN-TING CHOU ET AL: "Inter-frame space (IFS) based service differentiation for ieee 802.11 wireless LANs" VEHICULAR TECHNOLOGY CONFERENCE, 2003. VTC 2003-FALL. 2003 IEEE 58TH ORLANDO, FL, USA 6-9 OCT. 2003, PISCATAWAY, NJ, USA,IEEE, US, vol. 3, 6 October 2003 (2003-10-06), pages 1412-1416, XP010702439 ISBN: 0-7803-7954-3 Chapters I-III -----	1-14
A	EP 0 314 217 A2 (N.V. PHILIPS' GLOEILAMPENFABRIEKEN) 3 May 1989 (1989-05-03) page 2, line 3 - page 5, line 9 -----	1-14
A	EP 0 125 095 A1 (KABUSHIKI KAISHA TOSHIBA) 14 November 1984 (1984-11-14) page 6, line 28 - page 7, line 10 page 22, line 21 - page 23, line 34; figure 12a -----	1-14

## INTERNATIONAL SEARCH REPORT

Information on patent family members

onial Application No  
IB2004/052838

Patent document cited in search report	Publication date		Patent family member(s)	Publication date
EP 0314217	A2	03-05-1989	GB 2212032 A CA 1319409 C CN 1038385 A ,B DE 3888624 D1 DE 3888624 T2 DK 596688 A FI 884957 A ,B, JP 1152837 A US 4979168 A	12-07-1989 22-06-1993 27-12-1989 28-04-1994 22-09-1994 01-05-1989 01-05-1989 15-06-1989 18-12-1990
EP 0125095	A1	14-11-1984	JP 59204344 A JP 59204346 A DE 3462300 D1	19-11-1984 19-11-1984 05-03-1987